Title (en)

METHODS FOR AGRONOMIC AND AGRICULTURAL MONITORING USING UNMANNED AERIAL SYSTEMS

Title (de)

VERFAHREN ZUR AGRARWISSENSCHAFTLICHEN UND LANDWIRTSCHAFTLICHEN ÜBERWACHUNG MIT UNBEMANNTEN FLUGSYSTEMEN

Title (fr)

PROCÉDÉS DE SURVEILLANCE AGRONOMIQUE ET AGRICOLE À L'AIDE DE SYSTÈMES AÉRIENS SANS PILOTE

Publication

EP 3183697 A4 20180328 (EN)

Application

EP 15834359 A 20150820

Priority

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Abstract (en)

[origin: US2016050840A1] A method for agronomic and agricultural monitoring includes designating an area for imaging, determining a flight path above the designated area, operating an unmanned aerial vehicle (UAV) along the flight path, acquiring images of the area using a camera system attached to the UAV, and processing the acquired images.

IPC 8 full level

G06Q 10/00 (2012.01); **A01B 79/00** (2006.01)

CPC (source: EP US)

A01B 79/005 (2013.01 - EP US); **G05D 1/0094** (2024.01 - EP US); **G05D 1/106** (2024.01 - US); **G06T 5/80** (2024.01 - US); **G06T 11/60** (2013.01 - US); **G06V 20/188** (2022.01 - EP US); B64U 20/87 (2023.01 - US); B64U 2101/30 (2023.01 - EP US); B64U 2101/40 (2023.01 - US)

Citation (search report)

- [XI] US 2012237083 A1 20120920 - LANGE ARTHUR F [US], et al
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- [YA] US 2014035752 A1 20140206 - JOHNSON JEROME DALE [US]
- [XI] US 2010004802 A1 20100107 - BODIN WILLIAM KRESS [US], et al
- See also references of WO 2016029054A1

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US 201514831165 A 20150820; AU 2015305406 A 20150820; BR 112017003678 A 20150820; CA 2957081 A 20150820; CA 3237917 A 20150820; CL 2017000426 A 20170222; CN 201580044988 A 20150820; CO 2017002677 A 20170322; EP 15834359 A 20150820; UA A201702686 A 20150820; US 2015046165 W 20150820; US 201715853356 A 20171222; US 201916438128 A 20190611; US 202117155975 A 20210122; ZA 201701638 A 20170307